



2019 CALIFORNIA-GERMANY BILATERAL ENERGY CONFERENCE

in cooperation with Energy Storage North America

November 5, 2019

San Diego, California

AGENDA

12:00–12:30

Registration

12:30–1:15

Opening Session

Master of Ceremony

Drew Bohan, Executive Director, California Energy Commission

Welcome and Opening Remarks

David Hochschild, Chair, California Energy Commission

Andreas Feicht, Vice Minister, German Federal Ministry for
Economic Affairs and Energy

Opening Keynote

Kevin L. Faulconer, Mayor of San Diego

1:15–2:45

Striving toward a 100% decarbonised, reliable and affordable energy supply: Drivers and challenges of the Energy Transition

Moderated Panel

Climate change, rapid technology developments, cost reductions, disruptive business models, air quality concerns, increasing public participation and the drive to universal access to energy are deeply modifying the energy systems in our states and globally. Taking into consideration the current state of the energy transition, what are the key actions that need to be taken in order to ensure enough investment is directed to low/zero carbon, secure, reliable and affordable energy technologies?

Which energy policies support or hinder the strategic investments needed for the transition? How can we facilitate the infrastructural, social and cultural shifts needed to fully achieve a successful clean energy transition? Drawing from their experience and expertise, panelists will share their unique perspectives on what success looks like and how we can work together to achieve our clean energy goals.

Moderator:

Jason Anderson, Cleantech San Diego

Panel:

Mario Ragwitz, Deputy of the Institute, Fraunhofer Institute for Systems and Innovation Research

Dirk Bierman, Chief Markets and System Operations for 50Hertz

Jonathan Weisgall, Berkshire Hathaway

Nancy Pfund, DBL Partners (tbc)

Martha Guzman Aceves

2:45–3:30

Coffee Break

3:30–5:00

Energy System Flexibility: The Role of Emerging Technologies, Policies and Practices

Moderated Panel

Germany recently experienced the first hours with feed-in from renewable resources higher than the total power system load, most of which from wind and solar. California and other parts of the world will follow suit. At other times, wind and solar produce much less. Flexibility in time and location is the new key resource, both within the power system and in view of decarbonizing transportation and heating. How can innovative technologies and business models help ensure the flexibility required to reliably run an energy system based on clean and largely variable energy resources?

In this discussion, leading energy experts will weigh in on the role of emerging technologies, policies and practices (energy storage, demand response, flexible generation, microgrids, distributed generation, long distance interconnections, energy efficiency, electrification, etc.) in achieving our clean energy mandates and goals.

Moderator: tbc

Panel:

Thomas Speidel, President, the German Storage Association (BVES)

Dr. Klaus Bonhoff, CEO, NOW GmbH

Jochen Hauff, Managing Director, BayWa r.e. Renewable Energy

Gregor Hintler, The Mobility House

Dr. Liang Zhou, Karma Automobiles (tbc)

5:00–5:15

Recap of afternoon panels

5:30–5:40

Joint Session in ESNA Keynote Hall

Janice Lin, ESNA 2019 Master of Ceremony

Drew Bohan, CGBEC Master of Ceremony

5:40–6:00

A Future Within Reach - Key Insight into Scalable Solutions

Eleni Kounalakis, California Lieutenant Governor

6:00–6:20

A Future Within Reach - Insight into Germany's Energy Transition

Andreas Feicht, Vice Minister, German Federal Ministry for Economic Affairs and Energy

6:20–6:40

A Future Within Reach - Accelerating the Transition Through Global Collaboration

The Honorable Madeleine Albright (tbc)

6:40–6:45

Adjourn

7:00–9:00

Joint ESNA-CGBEC Networking Reception

PRESENTED BY



HOSTED BY



German American
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